

2021: Ranger Report

Outreach and Education at Fresh Pond Reservation



Ranger Report: Outline

Categories of Outreach and Education in 2021

- Informal Outreach
- Educational Outreach
- Virtual Outreach
- Spotlight Program: Monarchs

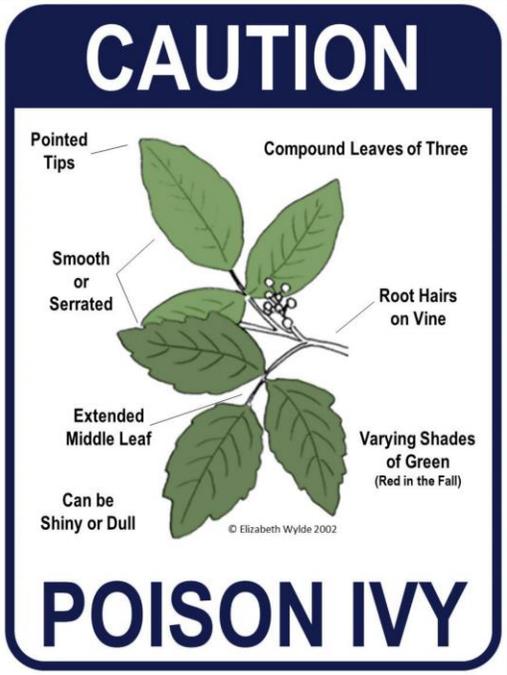
Ranger Report: Outline

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Ranger Report: Informal Outreach

Signage



Ranger Report: Informal Outreach

Animal Control



Ranger Report: Informal Outreach

Visible Presence



Ranger Report: Informal Outreach

Shared-Use



Ranger Report: Outline

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Ranger Report: Educational Outreach

School Partnerships

Haggerty Elementary School

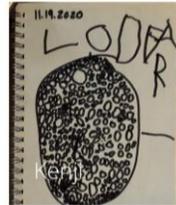
Fayerweather Street School

Cambridge MLK, Jr. School

Cambridge DHSP Preschool



Miles: Serena, I want to show this to you!
Serena: Woah, look at that seed!
Ian: I think this is a silly kind of plant. A silly kind of flower, I meant.
Miles: It's silly. See what's in it?
Kenji: You have to dump it out!



Children continue to record their observations in their journals.



Ranger Report: Educational Outreach

School Partnerships



Ranger Report: Educational Outreach

School Partnerships



Ranger Report: Educational Outreach

Other Groups

CitySprouts Summer

Cambridge Cub Scouts

Cambridge Girl Scouts

Cambridge Strawberry Hill Summer Camp

Cambridge Dept. of Children and Families



Ranger Report: Educational Outreach

Public Programming / Friends of Fresh Pond Reservation



Fascinating Fungi of Fresh Pond



Winter Solstice Walk

Ranger Report: Educational Outreach

Volunteering / Education



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Ranger Report: Virtual Outreach

via Zoom



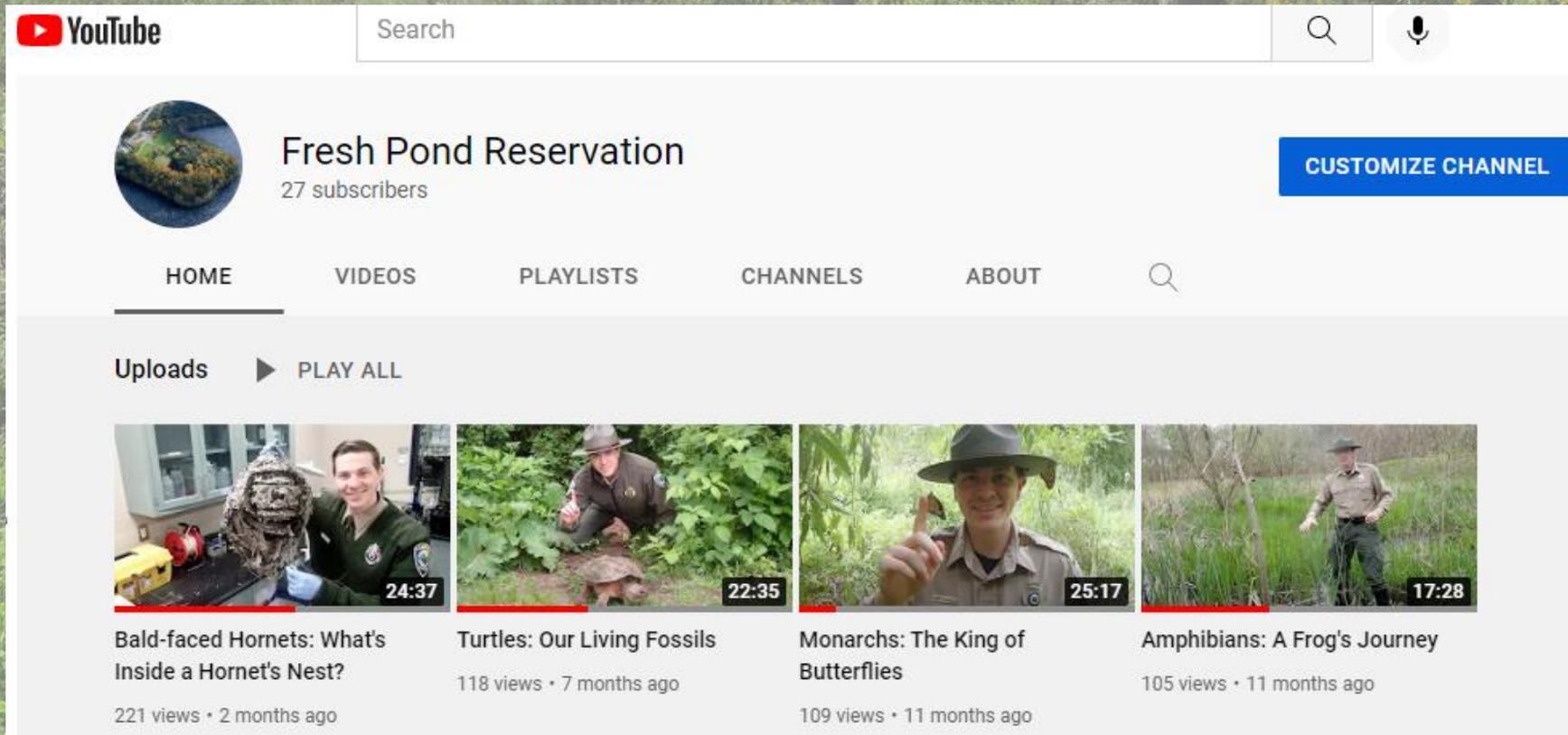
Bird curriculum at Haggerty

Invasive species curriculum
at Fayerweather

Cambridge Science Festival
Zoom Panel – Wildlife Q&A with
Ranger Tim

Ranger Report: Virtual Outreach

Produced Videos



The screenshot shows the YouTube channel page for 'Fresh Pond Reservation'. The channel has 27 subscribers and a 'CUSTOMIZE CHANNEL' button. The navigation menu includes HOME, VIDEOS, PLAYLISTS, CHANNELS, and ABOUT. The 'Uploads' section is active, showing a 'PLAY ALL' button and four video thumbnails. Each video thumbnail includes a title, view count, and upload date.

YouTube Search  

 **Fresh Pond Reservation**
27 subscribers [CUSTOMIZE CHANNEL](#)

[HOME](#) [VIDEOS](#) [PLAYLISTS](#) [CHANNELS](#) [ABOUT](#) 

Uploads  [PLAY ALL](#)

Video Title	Duration	Views	Upload Date
Bald-faced Hornets: What's Inside a Hornet's Nest?	24:37	221 views	2 months ago
Turtles: Our Living Fossils	22:35	118 views	7 months ago
Monarchs: The King of Butterflies	25:17	109 views	11 months ago
Amphibians: A Frog's Journey	17:28	105 views	11 months ago

Ranger Report: Virtual Outreach

Produced Videos



Amphibians: A Frog's Journey
(17:28)
February 2021



Monarchs: The King of Butterflies
(25:17)
February 2021

Ranger Report: Virtual Outreach

Produced Videos



Turtles: Our Living Fossils
(22:35)
June 2021



Bald-faced Hornets:
What's Inside a Hornet's Nest?
(24:37)
December 2021

Ranger Report: Virtual Outreach

Produced Videos



“Our Animal Neighbors” ep. 5
by Cambridge Wildlife Arts

May 2021
with Mayor Siddiqui

Ranger Report: Virtual Outreach

Social Media

36% growth over 2021

50% growth since the pandemic began

Fresh Pond Reservation
@freshpondreservation · 4.9 (50 reviews) · Environmental Conservation Organization
cambridgema.gov

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250 Fresh Pond Pkwy
Cambridge, MA 02138

Fresh Pond Reservation: protecting the Cambridge water supply since 1880



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Ranger Report: Spotlight Program

2021's Monarch Butterfly Release Celebration

Informal Outreach

Public Programming

Science and Education

Virtual Outreach

Volunteer Participation

Ranger Report: Spotlight Program

Informal Outreach

Monarch Watch at Fresh Pond Reservation

What's This All About?
This project is aimed at protecting and boosting the monarch butterfly population at Fresh Pond. We're raising monarch caterpillars for release in September and working to improve meadow habitat around the reservation as they grow.

Why Monarchs, Why Here?
Migratory monarchs are in decline. Milkweed loss (the plant they depend on) and loss of overwintering habitat in Mexico are probable causes. Since eastern monarchs migrate from New England all the way to Mexico, each habitat link along their way is crucial! As an official "waystation" Fresh Pond is a wonderful place for adult monarchs and for their young to grow up!

Join us on Sunday, September 5th at 2pm for the 7th Annual Monarch Butterfly Release Celebration

Enter the world of the King of Butterflies—the monarch! Participate in crafts, earn a Jr. Ranger badge, learn all about butterflies, migration, milkweed, and pollination. March with us to a native meadow where we'll release the monarchs raised from caterpillars here in the Ranger Station!

Did You Know?

- Monarch caterpillars shed their skin 5 times before entering their chrysalises
- Adult monarchs can drink the nectar of many types of flower, but the caterpillars can only eat one type of plant
- The monarchs that return here next year will be the relatives of the monarchs that leave in the fall

Learn more about this fascinating insect by visiting their indoor habitat terrarium by the window!



Ranger Report: Spotlight Program

Virtual Outreach



YouTube Search

Monarchs: The King of Butterflies

110 views • Feb 24, 2021

10 DISLIKE SHARE SAVE ...

Fresh Pond Reservation
27 subscribers

ANALYTICS EDIT VIDEO

Join Ranger Tim on this exploration of the meadow ecosystem and watch the complete lifecycle of the Monarch Butterfly at Fresh Pond in Cambridge, Massachusetts!



Ranger Report: Spotlight Program

Science and Education



Ranger Report: Spotlight Program

Volunteer Participation



Ranger Report: Spotlight Program

Public Programming - Photo Review '21



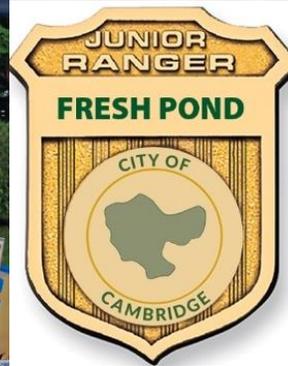
Ranger Report: Spotlight Program

Public Programming - Photo Review '21



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Public Programming – Photo Review '21



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